MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JUNE 1953

ROBERT W. SLOANE, DIRECTOR

Printed at the American Press
Beirut, Lebanon

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WEATHER BUREAU

JUNE 1953

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22·30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	57.1	56.2	57.7	57.0	30.9	20.5	25.0	30.3	23.6	26.3
2	57.1	56.5	56.2	56.6	28.8	20.9	25.4	28.3	24.3	26.0
3	57.8	57.9	58.6	58.1	28.8	19.4	24.6	26.4	22.8	24.6
4	58.8	58.7	58.9	58.8	27.3	20.0	24.6	25.6	21.7	24.0
5	59.2	58.5	58.8	58.8	27.7	21.1	25.0	27.0	22.9	25.0
6	59.2	58.9	58.7	58.9	29.8	21.4	25.8	26.9	23.1	25.3
7	58.7	58.2	58.2	58.4	29.7	21.5	25.8	29.3	23.4	26.1
8	57.8	57.2	57.3	57.4	31.0	21.5	26.2	30.2	24.1	26.8
9	56.8	56.3	55.9	56.3	29.7	21.4	25.7	29.2	23.9	26.3
10	56.1	56.2	55.9	56.1	30.0	21.9	25.8	29.4	24.1	26.4
11	56.8	56.8	58.9	57.5	30.0	21.4	26.7	29.6	23.4	26.6
12	60.9	61.6	62.0	61.5	29.5	20.5	26.1	28.9	23.4	26.1
13	60.9	60.5	57.8	59.7	29.2	21.2	25.7	28 8	22.8	25.8
14	56.9	57.5	57.3	57.2	29.4	20.9	26.7	28.6	25.6	27.0
15	58.2	58.6	59.3	58.7	29.1	20.4	25.3	28.9	22.5	25.6
16	58.5	57.2	54.7	56.8	30.8	23.4	27.2	30.6	24.7	27.5
17	58.1	58.4	58.3	58.3	29.6	21.7	26.6	28.3	23.6	26.1
18	58.0	57.9	58.1	58.0	29.3	20 1	26.3	28.7	22.8	25.9
19	58.1	57.7	58.3	58.0	29.5	21.4	26.2	28.1	23.3	25.9
20	58.5	58.3	58.0	58.3	28.0	21.8	25 8	27.1	23.6	25.5
21	57.2	56.8	56.4	56 8	29.0	21.7	26.2	27.3	23.3	25.6
22	56.2	56.3	56.4	56.3	30.5	22.5	26.9	29.6	24.2	26.9
23	56.5	56.3	56.4	56.4	30.7	22.4	27.9	29.8	24.8	27.5
24	56.2	55 7	56 0	56 0	30.7	22.5	26.9	30.7	24.4	27.3
25	55.7	55.5	55 8	55.7	30.7	22.4	27.2	30.0	25.0	27 4
26	55.6	55.5	56.1	55.7	30.8	22.9	27.2	29.3	25.0	27.1
27	56.8	56.4	56.2	56.5	31.3	23.1	26.8	30.6	24.7	27.4
28	55.9	55.6	55.6	55.7	30.8	23.2	27.1	30.6	24.7	27.5
29	55.2	55.2	55.2	55.2	30.7	22.1	27.2	30.3	25.0	27.5
30	54.1	53.8	54.5	54.1	31.3	23.1	28.0	30.8	24.8	27.9
31										
	57.43	57.21	57.25	57.29	29.82	21.61	26.26	23.85	28.97	26.36

Barometer, range for month 762.0 mm. — 753.8 mm.
„ 71-yr. average for month 757.92 mm.
Thermometer, range for month 31.3°C — 19.4°C
„ 71-yr. average for month 25.62°C
Rain total for month 0.00 mm.
„ 71-yrs average for month 3.26 mm.
„ Total, Sept. 1st. to end of month 1060 92 mm.
„ 71-yrs. average. Sept. 1st. to end of month 891.41mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	20.7	24.0	22.6	22.4	64	57	79	67	12.3	278.0	
2	19.6	29.8	19.8	23.1	61	77	66	68	10.0	261.0	
3	21.1	19.8	19.9	20.3	70	50	71	64	10.7	122.0	
4	19.2	18.3	20.2	19.2	63	56	77	65	11.6	84.0	
5	21.3	21.5	21.5	21.4	67	59	78	68	12.4	98.0	
6	22.1	23.9	23.1	23.0	67	70	83	73	11.9	47.0	
7	24.1	24.5	22.0	23.5	74	59	77	70	12.7	109.0	
8	25.1	24.0	24.1	24.4	74	57	83	71	12.6	138.0	
9	23.5	24.9	24.8	24.4	72	62	83	72	11.9	103.0	
10	23.5	25.2	24.1	24.3	73	61	83	72	11.5	227.0	
11	26.7	25.2	22.0	24.6	76	62	77	72	11.1	383.0	
12	19.1	20.1	20.7	20.0	56	51	71	59	11.3	386.0	
13	18.9	22.2	21.8	21.0	59	56	78	64	11.2	357.0	
14	23.3	25.4	23.5	24.1	66	66	72	68	10.7	254.0	
15	19.4	20.1	19.8	19.8	61	51	74	62	10.3	148.0	
16	22.1	25.0	20.5	22.5	61	56	68	62	9.9	388.0	
17	22.6	23.3	22.6	22.8	65	60	79	68	10.6	365.0	
18	19.8	20.8	19.3	20.0	60	52	69	60	12.0	161.0	
19	20.4	21.9	22.6	21.6	60	57	78	65	10.0	77.0	
20	23.5	23.5	23.3	23.4	72	66	82	73	7.6	74.0	
21	23.0	23.5	23.3	23.3	70	65	80	72	9.8	63.0	
22	22.6	24.5	23.5	23.5	65	60	79	68	11.0	253.0	
23	21.7	24.8	23.3	23.3	58	58	74	63	9.0	127.0	
24	23.9	24.3	23.7	24.0	68	57	78	68	10.0	97.0	
25	24.2	25.5	24.6	24.8	67	60	78	68	10.6	121.0	
26	24.9	25.2	25.3	25.1	69	62	79	70	9.8	66.0	
27	23.9	25.0	23.0	24.0	68	56	76	67	9.6	222.0	
28	22.8	23.6	23.0	23.1	63	53	76	64	10.2	459.0	
29	23.5	25.5	23.9	24.3	65	60	76	67	10.7	494.0	
30	23.0	25.8	25.3	24.7	62	59	80	67	10 5	177.0	
31											
	22.32	23 70	22.57	22.86	65.9	59.2	76.8	67.2	10.78	204.63	0.00

Height of Barometer above sea level : **33.7** meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0 56 m. ; above sea level **30.31** m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, **1875-1945**

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1n	1ne	2n	calm	Hot wind all day
2	0	0	0	0.0	1se	2w	1e	light	
3	9cu	1cu	10cu-st	6.7	2w	2nw	2w	,,	
4	1cu	0	1cu	0.7	1nw	2nw	1n	,,	
5	4cu	0	0	1.3	2nw	2n	1n	,,	
6	0	4cu-ci	0	1.3	2w	2n	1ne	light	
7	6cu	0	0	2.0	2sw	1sw	0	calm	D., a.m.
8	5cu-st	0	0	1.7	2sw	1sw	0	light	
9	1cu	0	0	0.3	2sw	2sw	1sw	,,	
10	0	1cu	0	0.3	1sw	1w	1w	,,	
11	9cu-st	cu-st	5cu	5.3	3sw	3sw	1sw	light	D., A M.
12	1cu	1cu	9cu-st	3.7	2sw	2sw	2w	,,	
13	0	0	0	0.0	3sw	2sw	0	,,	
14	1cu	9cu	9cu	6.3	3sw	3w	1w	,,	
15	1cu	9cu-ci	0	3.3	2sw	3sw	1sw	,,	H., a.m.
16	0	3cu-ci	0	1.0	2ne	2ne	1e	light	H. all day
17	0	0	8cu	2.7	4sw	3sw	2w	,,	H,. all day
18	2cu	1cu	2cu	1.7	3w	2sw	1w	,,	
19	1cu	2cu	3cu	2.0	1sw	1w	0	,,	
20	7cu-st	0	0	2.3	1nw	1nw	0	,,	
21	8cu-st	5cu-ci	0	4.3	1nw	1nw	0	calm	
22	0	5cu	10cu-st	5.0	2sw	2sw	1w	light	
23	0	8cu-st	10cu-st	6.0	2sw	2sw	1w	,,	
24	5cu	4cu	0	3.0	1sw	2w	0	,,	
25	4cu	0	10cu-st	4.7	1sw	2sw	1sw	,,	
26	4cu-st	0	9cust	4.3	2sw	1nw	1w	light	
27	10cu-st	3cu-st	0	4.3	1sw	2w	1w	,,	
28	4cu	3cu-st	4cu	3.7	2sw	2sw	1sw	,,	
29	0	0	0	0.0	3sw	1sw	3sw	,,	
30	1cu	3cu-st	1cu	1.7	2sw	1w	1w	,,	
31									
	mean			2.65					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	1	0	1	0	19	4	4	0	30
14:30	2	2	0	0	0	14	7	5	0	30
20:30	3	1	2	0	0	6	11	0	7	30
Total	6	4	2	1	0	39	22	9	7	90

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.
71 yr. av. number of days with rain during month 0.79